● PRINTER RUSH ● (PTO ASSISTANCE)

From: Location: IDC FMF FDC Date: 5420-05 Tracking #: 66075623 Week Date: 62-07-0
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REV 10/04

Appl. No. 09/591,174
Amdt. Dated September 8, 2004
Reply to Office ection of June 9, 2004
Attorney Docket No. P12285-US1
EUS/JP/04-3200

Amendments to the Claims:

This listing of Claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

- 1. (Canceled)
- 2. (Currently Amended) The method of claim 3 [[1]], further comprising the step of:

adjusting the gain level of the MCPA to maintain a linear transmit power level associated with the aggregate signal.

3. (Currently Amended) A method for controlling power in a wireless communication system having a base station and a Multiple Carrier Power Amplifier (MCPA) split into at least two separate units, the method comprising the steps of:

coupling the at least two separate units with an interface;

providing an aggregate signal representing one or more carrier signals across the interface from the base station to the MCPA:

measuring a gain level during an interval:

The method of claim 1, further comprising the steps of:

providing a first and second control parameter from the base station to the MCPA across the interface; and

controlling the measuring of the gain level using the first and second parameters; and

feeding back information across the interface from the MCPA to the base station associated with the measured gain level.

4. (Original) The method of claim 3, wherein the interface is digital and wherein the first and second parameters are power averaging period and sampling interval.

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